Apparatus and Method of Using Long Lived Addresses
In A Private Network For Push Messaging To Mobile Devices

Abstract of the Disclosure

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  A method and system for supporting Internet Protocol (IP) services initiated through a public network, the services directed to a mobile device through a private network is disclosed. In operation these steps occur: assigning a long lived IP address and user name to the mobile in a wireless network;

10 providing a server including a database that cross references the user name and the long lived IP address; connecting an address space for the private network to the public network using a network address translator (NAT); initiating a push session between a push client and the mobile by forwarding from the push client to the server the user name; retrieving and returning to the NAT the long lived IP

15 address corresponding to the user name; and assigning a corresponding dynamic public address, using an ALG that is associated with the NAT and returning the dynamic public address to the push client.